

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A control arrangement for a pull-type windrow merger adapted to be pulled along the ground by a tow vehicle having an electrical power supply, the pull-type windrow merger having a plurality of actuatable functional assemblies configured to interact and cooperate to selectively collect crop material from a first location on the ground, move the crop material laterally, and discharge the crop material with respect to in a second location on the ground, as the windrow merger is moved along the ground by the tow vehicle, the control assembly comprising;
 - a housing;
 - 10 a controller disposed in the housing, wherein the controller includes a plurality of inputs, and wherein each of the controller inputs corresponds to one of the functional assemblies of the windrow merger; and
 - a harness arrangement configured to electrically connect the controller to the plurality of functional assemblies and to a power supply,
 - 15 wherein the controller and the housing are remotely disposed relative to the pull-type windrow merger, wherein the controller is interconnected through the harness arrangement with each of the functional assemblies of the windrow merger, and wherein each controller input is interconnected with and controls operation of a single one of the functional assemblies of the windrow merger.
2. (Original) The control arrangement of claim 1, wherein the harness arrangement is configured to electrically connect the controller to the power supply.

3. (Currently Amended) The control assembly of claim 1, wherein the harness arrangement includes a first harness on the tow vehicle having:

a first connector configured to electrically connect to the controller;

5 ~~arrangement~~ controller to the power supply; and

a third connector configured to electrically connect to the plurality of functional assemblies on the ~~pull-pull-type~~ windrow merger.

4. (Currently Amended) The control arrangement of claim 3, wherein the harness arrangement includes a second harness on the windrow merger configured to connect to the first harness to communicate control signals from the controller to the functional assemblies of the windrow merger.

5. (Currently Amended) The control arrangement of claim 4, further including:

a hydraulic manifold disposed on the merger, the hydraulic manifold having a one or more solenoid valves configured to drive operation of the one or more functional assemblies, wherein the ~~harness arrangement communicates~~ first and second harnesses communicate control signals from the controller to the one or more solenoid valves.

6. (Currently Amended) The control arrangement of claim ~~4~~ 5, wherein the hydraulic manifold includes an additional connector configured to communicate control signals from the controller to a second hydraulic manifold ~~of having~~ one or more solenoid valves.

7. (Original) The control arrangement of claim 1, wherein the controller includes a main switch configured to activate the control arrangement.

8. (Original) The control arrangement of claim 1, wherein the controller and housing are disposed on the tow vehicle.

9. (Currently Amended) The control arrangement of claim 1, wherein the housing includes a visual display, and wherein the plurality of inputs of the controller

each comprises a representation on the visual display that corresponds to ~~includes a~~
~~multiple input switches, each input switch configured to control operation of one of the~~
5 ~~multiple-functional assemblies of the pull-type windrow merger.~~

10. (Currently Amended) A windrow merger adapted to be pulled along
the ground by a tow vehicle, comprising:

a frame;

5 a wheel assembly configured to movably support the frame above
the ground;

at least one a plurality of functional assembly assemblies supported
by the frame, wherein the at least one functional assembly assemblies are configured to
selectively collect crop material from a first location on the ground, move the crop
material laterally, and discharge the crop material onto a second location on the ground,
10 as the windrow merger is pulled along the ground by the tow vehicle; and

a control arrangement having a controller mounted on the tow
vehicle, wherein the controller includes a plurality of inputs, and wherein each input is
configured to control operation of ~~the at least one a~~ single one of the functional
assembly assemblies.

11. (Currently Amended) The windrow merger of claim 10, wherein the
~~at least one of the functional assembly includes assemblies comprises~~ a lift assembly
configured to raise or lower the windrow merger relative to the ground.

12. (Currently Amended) The windrow merger of claim 10, wherein the
~~at least one of the functional assembly includes assemblies comprises~~ a tow assembly
having a tow arm configured to ~~swing~~ move the windrow merger inwardly or outwardly
with respect to the tow vehicle.

13. (Currently Amended) The windrow merger of claim 10, wherein the
~~at least one of the functional assembly includes assemblies comprises~~ a conveyor
assembly having including:

a conveyor belt; and

5 a conveyor drive assembly, wherein the conveyor drive assembly is configured to direct ~~rotation movement~~ of the conveyor belt to ~~cause selectively discharge the collected crop material to selectively discharge toward~~ in either a leftward lateral direction or a rightward lateral direction ~~relative to the merger~~ onto the second location on the ground.

14. (Currently Amended) The windrow merger of claim 10, wherein the ~~at least one of the functional assembly includes assemblies~~ comprises a speed control assembly configured to vary an operating speed of the merger.

15. (Currently Amended) The windrow merger of claim 10, wherein the windrow merger includes a conveyor having a conveyor belt for moving the crop material laterally, and wherein one of the ~~at least one functional assembly includes assemblies~~ comprises a bed shift assembly configured to selectively change a lateral position of the conveyor belt relative to the merger.

16. (Currently Amended) The windrow merger of claim 10, wherein the windrow merger includes a conveyor having a conveyor belt for moving the crop material laterally, and wherein one of the ~~at least one functional assembly~~ includes an extension assembly having including:

5 an extension conveyor having a discharge end; and
 an extension lift assembly configured to raise or lower the extension conveyor relative to the conveyor belt of the windrow merger between an inoperative position and an operative position, wherein the extension conveyor in the operative position cooperates with the conveyor belt to position the second location, at which crop
 10 material is discharged from the discharge end of the extension conveyor, outwardly relative to the conveyor belt of the conveyor assembly.

17. (Currently Amended) The windrow merger of claim 10, wherein the control assembly arrangement further includes:

a harness arrangement configured to electrically connect the controller to the ~~at least one~~ plurality of functional assembly assemblies.

18. (Original) The windrow merger of claim 17, wherein the harness arrangement is configured to electrically connect the controller to an electrical power supply.

19. (Currently Amended) The windrow merger of claim 18, wherein the control assembly further includes a hydraulic manifold having ~~at least one~~ a plurality of solenoid valves, wherein each of the solenoid valves is configured to control the hydraulic output from the hydraulic manifold to drive a respective one of the plurality of functional assembly assemblies.

20. (Currently Amended) The windrow merger of claim 18, wherein the harness arrangement communicates control signals from the controller to the ~~at least one~~ plurality of solenoid valves of the hydraulic manifold.

21. (Currently Amended) A method of controlling operation of a pull-type windrow merger having a plurality of actuable functional systems and adapted to be towed by a tow vehicle having an operator's cab, comprising the steps of:

positioning a controller in the cab of the tow vehicle; and

interconnecting the controller with the functional systems of the windrow merger;

wherein the controller includes a plurality of ~~switches that are~~ inputs, wherein each input is interconnected with and is operable to control operation of a single one of the functional systems of the windrow merger.

22. (Currently Amended) The method of claim 21, wherein the step of interconnecting the controller inputs with the functional systems of the windrow merger is carried out by providing each of the functional systems of the merger with an electrically operated control member that interfaces with a hydraulic power supply arrangement that selectively delivers hydraulic power to the functional systems of the merger, and interconnecting one of the controller inputs with each a single one of the electrically operated control members.

23. (Currently Amended) The method of claim 22, wherein the step of providing each of the functional systems of the merger with an electrically operated control member is carried out by mounting the control members to a hydraulic manifold that controls the delivery of hydraulic power to each of the functional systems of the merger in response to actuation of the one of the controller inputs.

24. (New) The windrow merger of claim 10, wherein the controller includes a visual display, and wherein the plurality of inputs of the controller each comprises a representation on the visual display that corresponds to one of the functional assemblies of the windrow merger.

25. (New) The method of claim 21, wherein the controller includes a visual display, and including the step of actuating each input of the controller through a representation on the visual display that corresponds to one of the functional assemblies of the windrow merger.